

Tibbee Creek CSP Cost List (Enhancements)			
Below is a list of enhancements that can potentially receive cost-share through the Conservation Security Program.			
Practice Name	Description	Unit	Cost per Unit
Soil Management Enhancement	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.1 to 0.4.	AC	\$ 2.90
	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.5 to 0.8.	AC	\$ 7.54
	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.9 to 1.2.	AC	\$ 12.18
	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.3 to 1.6.	AC	\$ 16.82
	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.7 to 2.0.	AC	\$ 21.46
	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.1 to 2.4.	AC	\$ 26.10
	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.5 or greater.	AC	\$ 29.00
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	AC	\$ 0.50
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	AC	\$ 1.00
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	AC	\$ 2.00
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	AC	\$ 1.00
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	AC	\$ 2.00
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	AC	\$ 4.00
Grazing Management Enhancement	Nutrient Management activities on pasture (split application; soil test applications; etc) to improve grazing management and forage productivity	AC	\$ 1.00
	Manage livestock exclusion activities for riparian, streams, or any other sensitive areas	AC	\$ 2.00
	Rotational and other grazing system approaches for improving forage and animal health	AC	\$ 8.00
	Grazing management on range and/or pasture according to Nutritional Balance Analyzer (NUTBAL) and/or other similar tools to improve forage resource	AC	\$ 1.00
	Percent of the forage base in the grazing system will be legumes	AC	\$ 20.00
	Defer grazing by establishing and utilizing winter stockpile forages to extend the grazing season	AC	\$ 10.00
Nutrient Management Enhancement	Use split applications to better meet crop needs	AC	\$ 4.00
	Use of precision application to better meet crop nutrient needs	AC	\$ 6.00
	Use of soil testing to better assess nutrient application timing and needs	AC	\$ 1.00
	Band apply nutrients to better meet nutrient needs	AC	\$ 5.00
	Use nitrogen building crops such as alfalfa or legumes to reduce nitrogen needs	AC	\$ 5.00
Pest Management Enhancement	Improve pest management by spot spraying or treating weeds to limit the amount of herbicides used	AC	\$ 3.00
	Use trap crops to help target pesticide application	AC	\$ 5.00
	Use crop rotations to break pest cycles	AC	\$ 5.00
	Manage pests by implementing non-chemical alternatives (e.g. cultural practices, biological control) for pest management	AC	\$ 5.00
	Reducing pesticide spray overlap through guided measure technology	AC	\$ 8.00
Water Management Enhancement	Irrigation Enhancement Index Level 1 - 60 - 64%	AC	\$ 2.00
	Irrigation Enhancement Index Level 2 - 65 - 69%	AC	\$ 4.00
	Irrigation Enhancement Index Level 3 - 70 - 74%	AC	\$ 6.00
	Irrigation Enhancement Index Level 4 - 75 - 79%	AC	\$ 8.00
	Irrigation Enhancement Index Level 5 - 80 - 84%	AC	\$ 10.00
	Irrigation Enhancement Index Level 6 - 85% plus	AC	\$ 12.00
Practice Name	Description	Unit	Cost per Unit
	Habitat Index Value= >0.5 to <0.6	AC	\$ 2.00
	Habitat Index Value= >0.6 to <0.7	AC	\$ 4.00
	Habitat Index Value= >0.7 to <0.8	AC	\$ 6.00
	Habitat Index Value= >0.8 to <0.9	AC	\$ 8.00

Habitat Management  
Enhancement

Habitat Index Value= >0.9 to <1.0	AC	\$ 10.00
Manage crop residue by leaving grain crop stubble untilled and ungrazed (>75% cover) until March 1st of the following year	AC	\$ 5.00
Maintain and manage riparian forest buffer adjacent to cropland and add trees and shrubs that are beneficial to wildlife	AC	\$ 60.00
Maintain and manage riparian forest buffer adjacent to pastureland/hayland and add trees and shrubs that are beneficial to wildlife	AC	\$ 45.00
Defer grazing for 60 consecutive days between April 1 and August 15 to provide vital nesting habitat for declining species	AC	\$ 13.00
Inter-seed and maintain legume and/or forb mixture by over-seeding or drilling into existing sod on up to 20% of pastureland/hayland (min. 1ac. - max. 10 ac./field)	AC	\$ 45.00
Manage early successional habitat on pastureland/hayland, idle fields, and/or grassed buffers	AC	\$ 15.00
Establish, manage and maintain transition zones around cropland such as habitat corridors and field borders that are a minimum of 30 feet wide	AC	\$ 60.00
Establish, manage and maintain transition zones around pastureland/hayland such as habitat corridors and field borders that are a minimum of 30 feet wide	AC	\$ 45.00

	Annually leave a minimum of 1/4 acres to a maximum of 5% of grain crop unharvested adjacent to adequate wildlife habitat until March 1st of the following year	AC	\$ 100.00
<b>Practice Name</b>	<b>Description</b>	<b>Unit</b>	<b>Cost per Unit</b>
Energy Management Enhancement	Energy Audit	EA	\$ 500.00
	Recycling of all used motor oil for tractors and lubricating oil for other farm equipment	YR	\$ 200.00
	Use of perennial legumes in the crop rotation to reduce energy need for production of N	AC	\$ 0.70
	Use of annual legumes in the crop rotation to reduce energy need for production of N	AC	\$ 0.10
	Use of manure to supply at least 90% of nutrient needs of plants	AC	\$ 1.10
	STIR is less than 60	AC	\$ 0.50
	STIR is less than 30	AC	\$ 0.70
	STIR is less than 15	AC	\$ 0.90
	Use of renewable energy fuel (Biodiesel and/or Ethanol)	100 GAL	\$ 25.00
	Renewable energy generation (solar, wind, water, geothermal, methane	100 KWH	\$ 2.50
	5% energy reduction	BTU's	\$ 100.00
	10% energy reduction	BTU's	\$ 200.00
	20% energy reduction	BTU's	\$ 500.00
Air Resource Management Enhancement	Investigate various Greenhouse Gas (GHG)/Carbon sequestration scenarios by utilizing the Carbon Management Evaluation Tool for Voluntary Reporting (COMET-VR) online web tool.	Year	\$ 500.00